



SEQUENCE LISTING

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Meloën, Robert Hans

<120> IL-6 and IL-6 receptor derived peptide having IL-6
antagonistic or agonistic activity

<130> 2183-3890us

<140> 09/202,104

<141> 1999-04-30

<150> EP 96201720.8

<151> 1996-06-20

<150> PCT/NL97/00345

<151> 1997-06-19

<160> 19

<170> PatentIn Ver. 2.1

<210> 1

<211> 12

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism:PEPTIDE

<400> 1

Arg Tyr Ile Leu Asp Gly Ile Ser Ala Leu Arg Leu

1

5

10

<210> 2

<211> 16

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism:PEPTIDE

<400> 2

Ser Thr Lys Val Leu Ile Gln Phe Leu Gln Lys Lys Ala Lys Asn Leu

1

5

10

15

<210> 3
<211> 19
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 3
Ile Leu Arg Ser Phe Lys Glu Phe Leu Gln Ser Ser Leu Arg Ala Leu
1 5 10 15

Arg Gln Met

<210> 4
<211> 15
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 4
Gln Leu Ser Cys Phe Arg Lys Ser Pro Leu Ser Asn Val Val Cys
1 5 10 15

<210> 5
<211> 21
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 5
Pro Arg Ser Thr Pro Ser Leu Thr Thr Lys Ala Val Leu Leu Val Arg
1 5 10 15

Lys Phe Gln Asn Ser
20

<210> 6

<211> 20
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 6
Met Cys Val Ala Ser Ser Val Gly Ser Lys Phe Ser Lys Thr Gln Thr
1 5 10 15

Phe Gln Gly Cys
20

<210> 7
<211> 25
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 7
Pro Glu Lys Pro Lys Asn Leu Ser Cys Ile Val Asn Glu Gly Lys Lys
1 5 10 15

Met Arg Cys Glu Trp Asp Gly Gly Arg
20 25

<210> 8
<211> 25
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 8
Asn Phe Thr Leu Lys Ser Glu Trp Ala Thr His Lys Phe Ala Asp Cys
1 5 10 15

Lys Ala Lys Arg Asp Thr Pro Thr Ser
20 25

<210> 9

<211> 15
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 9
Trp Val Glu Ala Glu Asn Ala Leu Gly Lys Val Thr Ser Asp His
1 5 10 15

<210> 10
<211> 17
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 10
Pro Val Tyr Lys Val Lys Pro Asn Pro Pro His Asn Leu Ser Val Ile
1 5 10 15

Asn

<210> 11
<211> 28
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 11
Glu Trp Gly Pro Arg Ser Thr Pro Ser Leu Thr Thr Lys Ala Val Leu
1 5 10 15

Leu Val Arg Lys Phe Gln Asn Ser Pro Ala Glu Asp
20 25

<210> 12
<211> 187
<212> PRT
<213> Unknown Organism

<220>

<223> Description of Unknown Organism:PEPTIDE

<400> 12

Ala Pro Pro Val Pro Pro Gly Glu Asp Ser Lys Asp Val Ala Ala Pro
1 5 10 15

His Arg Gln Pro Leu Thr Ser Ser Glu Arg Ile Ser Lys Gln Ile Arg
20 25 30

Tyr Ile Leu Asp Gly Ile Ser Ala Leu Arg Lys Glu Thr Cys Asn Lys
35 40 45

Ser Asn Met Cys Glu Ser Ser Lys Glu Ala Leu Ala Glu Asn Asn Leu
50 55 60

Asn Leu Pro Lys Met Ala Glu Lys Asp Gly Cys Phe Gln Ser Gly Phe
65 70 75 80

Asn Glu Glu Thr Cys Leu Val Lys Ile Ile Thr Gly Leu Leu Glu Phe
85 90 95

Glu Val Tyr Leu Glu Tyr Leu Gln Asn Arg Phe Glu Ser Ser Glu Glu
100 105 110

Gln Ala Arg Ala Val Gln Met Ser Thr Lys Val Leu Ile Gln Phe Leu
115 120 125

Gln Lys Lys Ala Lys Asn Leu Asp Ala Ile Thr Thr Pro Asp Pro Thr
130 135 140

Thr Asn Ala Ser Leu Leu Thr Lys Leu Gln Ala Gln Asn Gln Trp Leu
145 150 155 160

Gln Asp Met Thr Thr His Leu Ile Leu Ile Arg Ser Phe Lys Glu Phe
165 170 175

Leu Gln Ser Ser Leu Arg Ala Leu Arg Gln Met
180 185

<210> 13

<211> 112

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism:PEPTIDE

<220>

<221> UNSURE

<222> (60)

<223> Xaa at position 60 is undefined/unclear

<220>

<221> UNSURE

<222> (65)

<223> Xaa at position 65 is undefined/unclear

<400> 13

Pro Pro Glu Glu Pro Gln Leu Ser Cys Phe Arg Lys Ser Pro Leu Ser
1 5 10 15

Asn Val Val Cys Glu Trp Gly Pro Arg Ser Thr Pro Ser Leu Thr Thr
20 25 30

Lys Ala Val Leu Leu Val Arg Lys Phe Gln Asn Ser Pro Ala Glu Asp
35 40 45

Phe Gln Glu Pro Cys Gln Tyr Ser Gln Glu Ser Xaa Lys Phe Ser Cys
50 55 60

Xaa Leu Ala Val Pro Glu Gly Asp Ser Ser Phe Tyr Ile Val Ser Met
65 70 75 80

Cys Val Ala Ser Ser Val Gly Ser Lys Phe Ser Lys Thr Gln Thr Phe
85 90 95

Gln Gly Cys Gly Ile Leu Gln Pro Asp Pro Pro Ala Asn Ile Thr Val
100 105 110

<210> 14

<211> 108

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism:PEPTIDE

<400> 14

Pro Pro Glu Lys Pro Lys Asn Leu Ser Cys Ile Val Asn Glu Gly Lys

1	5	10	15
Lys Met Arg Cys Glu Trp Asp Gly Gly Arg Glu Thr His Leu Glu Thr			
20	25	30	
Asn Phe Thr Leu Lys Ser Glu Trp Ala Thr His Lys Phe Ala Asp Cys			
35	40	45	
Lys Ala Lys Arg Asp Thr Pro Thr Ser Cys Thr Val Asp Tyr Ser Thr			
50	55	60	
Val Tyr Phe Val Asn Ile Glu Val Trp Val Glu Ala Glu Asn Ala Leu			
65	70	75	80
Gly Lys Val Thr Ser Asp His Ile Asn Phe Asp Pro Val Tyr Lys Val			
85	90	95	
Lys Pro Asn Pro Pro His Asn Leu Ser Val Ile Asn			
100	105		

<210> 15

<211> 7

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism:PEPTIDE

<400> 15

Ser Leu Thr Thr Lys Ala Val

1

5

<210> 16

<211> 12

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism:PEPTIDE

<400> 16

Ile Leu Arg Ser Phe Lys Glu Phe Leu Gln Ser Ser

1

5

10

<210> 17

<211> 15
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 17
Trp Val Glu Ala Glu Asn Ala Leu Gly Lys Val Thr Ser Asp His
1 5 10 15

<210> 18
<211> 5
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 18
Arg Tyr Ile Leu Asp
1 5

<210> 19
<211> 8
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism:PEPTIDE

<400> 19
Lys Ala Val Leu Leu Val Arg Lys
1 5